

DEMENT'YEV, A.

Supplying of population with goods. Vop. ekon. no.8:54-57 Ag '59.
(MIRA 12:11)

(Retail trade)

DEMENTYEV, A. A., Eng., and SMOL'NIKOV, V. I., Eng.

New, advanced methods of electrical equipment repair. Rab. energ., 1 No 2, 1951.

DEMENT'YEV, A.A., inzhener.

Repair of powerful single-phase, shell-type transformers. Energetik 1 no.
2:29-35 J1 '53. (MLRA 6:8)

(Electric transformers--Repairing)

28(1)

SOV/118-59-4-19/25

AUTHORS: Demen't'yev, A.A. and Buldakov, Ye.F., Engineers

TITLE: The Mechanization of Casting and Forge Work Cleaning

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959, Nr 4, pp 52-56 (USSR)

ABSTRACT: Quartz sand blasting is the most common method of cleaning castings and forge work after welding or heat treatment. At many plants, metallic sand or shot is used instead of quartz sand. One plant has designed and built 3 sandblast chambers featuring automatic charging of sand. The sandblast chambers are placed on entresols at a height of 2.5 m. Through the latticed bottom, the sand pours into the inlet bowls of the sandblast apparatus. Another important innovation is the mechanization of a workshop for the cleaning of various welded parts with metallic sand. This workshop consists of 3 separated sandblast chambers. The collecting of the used sand is carried out by means of elevators and worm conveyers.

Card 1/3

SOV/118-59-4-19/25

The Mechanization of Casting and Forge Work Cleaning

The used sand is either mechanically sifted or directly conveyed to the sand bunker. Until recently, cylindrical parts were cleaned, after welding and heat treatment, by hand using quartz sand. The recently introduced semi-automatic sandblast chamber has considerably raised labor productivity and improved working conditions. Two sandblast apparatuses under the chamber (both calculated for an air pressure of 5 to 6 atm.) provide 4 nozzles with sand. Simultaneously, 2 nozzles are working the outer surface and the remaining 2 nozzles the inner surface of the cylinder. In addition to the cleaning of parts with sand, the plant has introduced a method of cleaning with a blast of metal shot. At the same time, 2 powerful shot blasts are directed toward the parts to be cleaned. The used metal shot drops into a receiving vessel and is consequently conveyed to the shot mixer for repeated use. The installation cleans 3 tons of castings per shift. The cleaning of forge work is carried

Card 2/3

DERZHBYEV, A., kand.ekon.nauk

Let's satisfy more thoroughly the growing demands of the workers.
Sov. torg. 34 no.10:3-6 0 '60. (MIRA 13:10)
(Russia--Commerce)

DEMENT'YEV, A.F.; SHENDEROVICH, M.L.

A simple chamber for studying fish egg development in running water.
Zool. zhur. 43 no.7:1087-1089 '64. (MIRA 17:12)

1. Institute of Hydrobiology and Laboratory of Scientific-Applied
Photography, Academy of Sciences of the Ukrainian S.S.R., Kiyev.

DEMENT'YEV, A.I., kandidat - tekhnicheskikh nauk.

Development of fungus growth in houses built in regions of severe
climate. Transp.stroi. 6 no.10:30 0 156.
(Fungi) (Dampness in buildings) (MIRA 10:1)

DEMENT'YEV, A.I.

Weight of buildings and the forces of heaving. Stroi. v raion. Vost.
Sib. i Krain. Sev. no.1:69-72 '61. (MIRA 17:11)

KOLODEY, Anton Pavlovich, inzh.; PAVLOVA, Klara Artem'yevna,
inzh.; BOGUSLAVSKIY, Leontiy Davydovich, kand. tekhn.
nauk; BERNSHTEYN, Yevgeniy Iosifovich, inzh.;
KISLINSKIY, Yan Vladimirovich, inzh.; KIRPICHNIKOV,
Aleksandr Aleksandrovich, kand. tekhn. nauk; IVANOV,
Valentin Pavlovich, inzh.; KUTUKOV, Vladimir Nikolayevich,
arkh.; DEMENT'YEV, Anatoliy Ivanovich, kand. tekhn. nauk

[Handbook on maintenance of apartment houses] Rukovodstvo
po tekhnicheskoi ekspluatatsii zhilykh zdaniy. Moskva,
Stroizdat. Pt.2. 1965. 291 p. (MIRA 18:7)

DEKST'YAN, A. I., Engineer

Institute of Permafrost Studies, i/m V. A. Obruchev,
Acad Sci USSR, "Use of heat to eliminate uneven
Settling of buildings" Vest. Ak. Nauk SSSR, No.
9, 1944.

Report U-1660, 24 Jan 1952.

DEMENT'YEV, A. I.

DEMENTEV, A. I. (Secretary of Perma-Frost Institute)

"The Role of Perma-Frost Among the Causes Responsible for Structural Deformation,"
a dissertation successfully defended for the degree of Cand. of Tech. Sci. on 20 June
1946 at Central Scientific Res. Inst. for Industrial Construction, Ministry for
Construction of Enterprises in Heavy Industry.

Vestnik AS USSR, 8/9, 1946

DEMENTYEV, A. I.

FA 14T63

USSR/Permafrost
Soil Science

Jan 1947

"The Classification of Permafrost from the standpoint
of Its Formation," A. I. Dementyev, 3 pp

"Merzlotovedeniye" Vol II, No 1

Gives four main classifications of permafrost
according to its formation, with sub-headings and
brief description of each type.

14T63

DEMENT'YEV, A.I.

Practical significance of climatic factors and some
deficiencies in meteorological observations in the northern
U.S.S.R. Sbor. nauch. rab. DVNIIS no.1:71-74 '61.
(MIRA 16:11)

DEMENT'YEV, A.I.

Active method for controlling strains in buildings caused by the
heaving of soils. Osn., fund. 1 mekh. gran. 3 no.1:8-10 '61.
(MIRA 14:3)

(Soil mechanics) (Foundations—Cold weather conditions)
(Strains and stresses)

DEMENT'YEV, Anatoliy Ivanovich, PCHELINTSEV, Aleksandr Mikhaylovich,
USHKALOV, V. P., YEFIMOV, Adrian Ivanovich

"Engineering and geocryological research"

report to be submitted for the Intl. Conference on Permafrost, Purdue Univ.,
Lafayette Indiana, 11-15 Nov 63

DEMENT'YEV, A.I.

The object of studying geocryology and its connection with
practical work. Sbor. nauch. rab. DVNIIS no.1:45-47 '61.
(MIRA 16:11)

DEMENT'YEV, A.I.

Construction of buildings on permafrost. Nauch. trudy AKKH
no.31:41-45 '64. (MIRA 18:9)

L 1709-66 EWT(m)/EWA(d)/EWP(t)/EWP(x)/EWP(b) IJP(c) KJW/JD
 ACCESSION Nr: AP5021955 UR/0193/65/000/008/0050/0052
 621.745.32:621.3.011.3:669.721.5

AUTHOR: Kalish, R. M. (Cand. of technical sciences); Solclovskiy, B. A.;
Dement'yev, A. L.

TITLE: Experience in melting magnesium alloys in furnaces of the IPHV-500 type

SOURCE: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 8, 1965, 50-52

TOPIC TAGS: magnesium alloy, induction furnace, melting, furnace, heat transfer

ABSTRACT: Four commercial frequency induction furnaces with a removable 500 kg crucible (see figure), designed for melting magnesium alloys without recasting into distributing furnaces have been built and installed at an [unnamed] plant of the Central Volga Regional Economic Council. One of them has by now been operated for one and one-half years. The furnace's crucible is of an all-welded cone-shaped steel-plate design. Its walls are 20 mm thick and bottom 30 mm thick. The crucible is 1260 mm thick, with a mean inside diameter of 630 mm. Principal specifications of the furnace: time of melting and preparation of working alloy, 80 and 60 min (for cold and hot crucible, respectively); melt temperature, 850°C; maximum and mean furnace power, 350 and 320 kw, respectively; maximum furnace

Card 1/3

L 1709-66

ACCESSION NR: AP5021955

current, 1000 a; efficiency, 0.88; unit power requirement per kg of magnesium alloy produced, 0.6 kw. Operating experience shows that the production of magnesium alloys in this furnace rather than by the duplex process saves at least 12,000 rubles per year per furnace and takes only one-half as long. After disconnection of the furnace the metal is not removed for 15-20 min. During that period the temperature of the alloy continues to rise owing to heat transfer from the muffle rings. After this temperature reaches 780°C, the metal is cast into molds. Tests show that both the mechanical and corrosion properties of the ML-5 alloy produced in the IPMV-500 furnace are not inferior to those of the alloy produced by the duplex process. 16

ASSOCIATION: none

SUBMITTED: 00

ENCL: 01

SUB CODE: MM, IE

NO REF SOV: 000

OTHER: 000

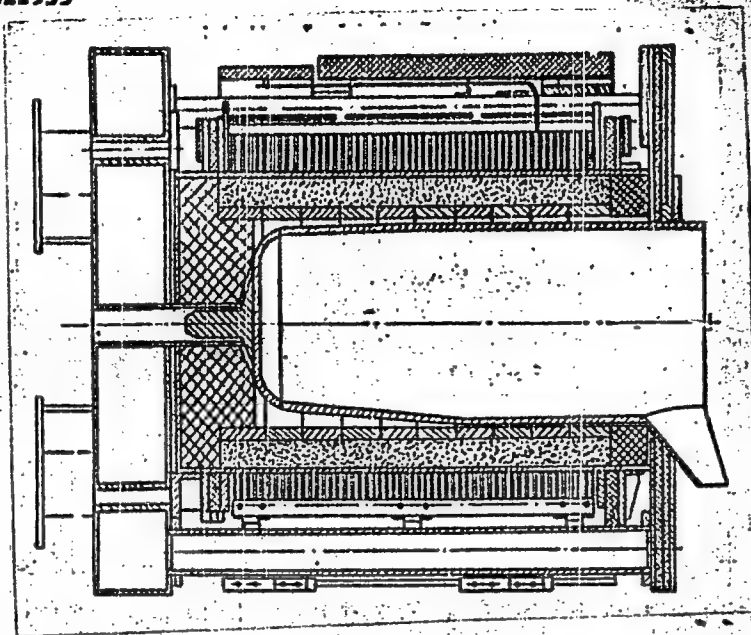
Card 2/3

L 1709-66

ACCESSION NR: AP5021955

ENCLOSURE: 01

cross section of IPNV-500 type
crucible furnace



Card

3/3

DEMENT'YEV, A.M.

Moscow. Vysshaye tekhnicheskoye uchilishche imeni Bauman. Kafedra matematicheskikh mashin
Vychislitel'naya tekhnika (Computer Techniques) Moscow, Mashgiz, 1959.
153 p. (Series: Vysshaye tekhnicheskoye uchilishche.
Sbornik, No. 2) 2,500 copies printed.

Ed.: B.V. Anisimov, Candidate of Technical Sciences; Tech. Eds.:
B.Y. Medel' and A.P. Uvarov; Managing Ed. for literature on
Machine Building and Instrument Construction: B.V. Pokrovskiy,
Engineer.

THESIS: This book may be useful to aspirants and other students
specializing in computer technology, and also to designers and
engineering and technical personnel who make use of electronic
computers.

School imeni Bauman) in honor of the 40th anniversary of the
October Revolution. The articles contain the results of theoretical
and experimental studies on the performance of various com-
ponents of electronic computers. Among the topics discussed are
programs of control devices, the connection between the para-
meters of control and a machine, etc. The application of
these concepts to the control of technological processes is
also discussed. Anisimov, B.V., Cand. Tech. Sci. and V.M. Golubkin,
Candidate of Technical Sciences. Analysis of the Quality of Servo-

Systems With Discrete Element 32

Dobrov, Ye.V., Engineer. The Effect of Block Diagram Parameters on
The Performance Quality of a Tubeless Direct Current Operational
Amplifier 46

Anisimov, B.V., Candidate of Technical Sciences, V.M. Golubkin,
Candidate of Technical Sciences, and Yu.M. Dvornichenko, Engineer.
Device for Recording the Form of Rectifying of a Rectifier
Transformer, M. Candidates of Technical Sciences, and V.Ye. Kiselev,
Engineer. Certain Principles of Constructing Local Control by
External Memory Devices 21

Vlasenko, I.I., Candidate of Technical Sciences, G.A. Zhdanov,
Professor, A.M. Dement'yev, Engineer, and I.M. Anisimov, Engineer.
Method of Finding the Image of Numbers by Means of a Perite
Matrix 64

Shvedov, Yu.A., Candidate of Physical and Mathematical Sciences.
The Connection Between the Parameters of an Algorithm and of a
Machine 70

Anisimov, B.V., Candidate of Technical Sciences, V.M. Golubkin,
Candidate of Technical Sciences, and A.Ye. Savelyev, Engineer.
Device for the Control of Recording of Information on Magnetic Tape 75

Vasil'yev, G.P., Engineer. Analysis of Certain Relationships for 81
an Economical Selection of the Dimensions of a Magnetic Drum

Anisimov, B.V., Candidate of Technical Sciences, and Yu.V.
Vlasenko, Engineer. On the Problem of the Exactness of the Re- 86
presentation of Continuously Varying Values in a Numerical Code

Shvedov, Yu.A., Candidate of Physical and Mathematical Sciences.
Solution of Boundary Value Problems by the Method of Polynomial
Approximations 95

Martov, G.Ye., Engineer. Certain Considerations on the Preventive
Control of Electronic Computers 99

M.S. Saolin, Engineer. Photoelectric Device Which Receives
Printed Numerical Signs 108

Palachevskiy, A.M., Engineer. Analysis of Information Storage
Components of Computers 121

Chetverikov, V.M., Candidate of Technical Sciences. Relay
Integrating Drive With Electromagnetic Powder Clutch 130

Kalashnikov, V.A., Engineer. Certain Algorithms for the Rational
Planning of Production 142

Buznetsov, M.M., Candidate of Technical Sciences. Circuit
Mechanisms for Programmed Control 148

DEMENT'YEV, A.M.

COUNTRY	: USSR	X
CATEGORY	: Forestry. Forest Management.	
NO. 1001	: Zashchita, No. 13 1958, No. 104534	
AUTHOR	: Dement'ev, A. M.	
INSE.	: -----	
TITLE	: Features of the Management of State Farm Forests	
ORIG. PUB.	: Sb. statey po ustroystvu i obsledovaniyu lesov. L., 1958. 40-44	
ABSTRACT	: No abstract.	

Card: 1/1

DEMENT'YEV, A.P.

New type of non-contact transducers. Priborostroenie no.7:
24-25 J1 '60. (MIRA 13:7)
(Transducers)

TRUBETSKOV, L.V., gornyy inzh.; DEMENT'YEV, A.P., gornyy inzh.

Remote control of electric locomotives at loading points.
Gor. zhur. no. 12:42-43 D '61. (MIRA 15:2)

1. Krivorozhskiy gornorudnyy institut.
(Mine railroads)
(Remote control)

TRUBETSKOV, L.V.; DEMENT'YEV, A.P.

Braking systems in remote control of electric locomotives. Sbor.
nauch. trud. KGRI no.19:59-62 '62. (MIRA 16:5)

(Mine railroads--Brakes)

(Remote control)

TRUBETSKOV, L.V., kand. tekhn. nauk; DEMENT'YEV, A.P., inzh.

Determination of the resistance of the power networks of high-
frequency a.c. mine locomotives. Sbor. nauch. trud. KGRI
no.13:139-144 '62. (MIRA 16:8)

(Mine railroads--Signaling)

TRUBETSKOV, L.V., kand. tekhn. nauk; DEMENT'YEV, A.P., inzh.

Cross-cut transistorized station for remote control of
electric locomotives. Sbor. nauch. trud. KGRI no.13:128-130
'62. (MIRA 16:8)

(Mine railroads—Signaling)

USSR/Farm Animals. General Problems

-1

Abstr Jour : Ref Zhur - Biol., No 11, 1958, No 49940

Author : ~~Danilov, A.V.~~

Inst

Title : Amur River Line Sources and Their Utilization in Animal Husbandry.

Orig Pub : Zhivotnovodstvo, 1956, No 8, 74-75

Abstract : Experiments were described in which local (Chagoyan, Amur oblast') line was included into the rations of chickens and pigs. The experiments showed that in Amur regions local line may be utilized as calcium being added to the diet of farm animals. --K.F. Levitskye

Card : 1/1

DEMENT'YEV, A. YA.

USSR/Chemical Technology. Chemical Products and Their Application -- Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5317

Author: Dement'yev, A. Ya.

Institution: None

Title: Fast Hardening Concrete in Mine Building

Original

Publication: Beton i zhelezobeton, 1956, No 8, 288-289

Abstract: To consolidate mine shafts, install foundations for excavating hoists and for other purposes of mine building, are recommended compositions of plastic concrete of grades 300-500, with additions of CaCl_2 (3-5%), $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ (3-7%) and water glass. Cement expenditure, in the case of concrete of grade 400-500, amounts to 400-450 kg/m^3 , with grade 300 it is of 300-320 kg/m^3 ; water/cement = 0.37-0.40. On consolidation of a mine shaft with grade 400 concrete made with slag Portland cement, the metal forms were moved 2-3 hours after placing the concrete. Rcompression of the concrete was 18 kg/cm^2 after 3 hours, 42 kg/cm^2

Card 1/2

Dement'Yev A. Ya
 ANDROS, I.P., inzh.; ASSONOV, V.A., kand. tekhn. nauk.; BERNSTEYN, S.A.,
 inzh.; BOKIY, B.V., prof.; BROVMAN, Ya.V., inzh. BONDARENKO, A.P.,
 inzh.; BUCHHEV, V.K., kand. tekhn. nauk; VERESKUNOV, G.P., kand.
 tekhn. nauk; VOLKOV, A.F., inzh.; GILMSKUL, M.N., kand. tekhn. nauk;
 GORODNICHYEV, V.M., inzh.; DEMENT'YEV, A.Ya., inzh.; DOKUCHAYEV, M.M.,
 inzh.; DUBNOV, L.V., kand. tekhn. nauk; EPIFANTSEV, Yu.K., kand.
 tekhn. nauk.; ERASHKO, I.S., inzh.; ZHEDANOV, S.A., kand. tekhn.
 nauk; ZIL'BERBROD, A.F., inzh.; ZINCHENKO, B.M., inzh.; ZORI, A.S.,
 inzh.; KAPLAN, L.B., inzh.; KATSAUROV, I.N., dots.; KITAYSKIY, B.F.,
 inzh.; KRAVTSOV, Ya.P., inzh.; KRIVOROG, S.A., inzh.; KRINITSKIY,
 L.M., kand. tekhn. nauk; LITVIN, A.Z., inzh.; MALIVICH, N.A.,
 kand. tekhn. nauk; MAN'KOVSKIY, G.I., doktor tekhn. nauk; MATKOVSKIY,
 A.L., inzh.; MINDELI, B.O., kand. tekhn. nauk; NAZAROV, P.P., kand.
 tekhn. nauk; NASONOV, I.D., kand. tekhn. nauk; NEYENBURG, V.Ye.,
 kand. tekhn. nauk; POKROVSKIY, G.I., prof., doktor tekhn. nauk;
 PROYAVKIN, B.T., kand. tekhn. nauk; ROZENBAUM, inzh.; ROSSI, B.D.,
 kand. tekhn. nauk; SEMEVSKIY, V.N., doktor tekhn. nauk; SKIRGELLO,
 O.B., inzh.; SUKHUT, A.A., inzh.; SUKHANOV, A.F., prof., doktor
 tekhn. nauk; TARANOV, P.Ya., kand. tekhn. nauk; TOKAROVSKIY, D.I.,
 inzh.; TRUPAK, N.G., prof., doktor tekhn. nauk; FEDOROV, S.A., prof.,
 doktor tekhn. nauk; FEDYUKIN, V.A., inzh.; KHOKHLOVKIN, D.M., inzh.;
 KHRABROV, N.I., kand. tekhn. nauk; CHEKAREV, V.A., inzh.; CHERNAVKIN,
 N.N., inzh.; SHREYBER, B.P., kand. tekhn. nauk; EPOV, B.A., kand.
 tekhn. nauk; YAKUSHIN, N.P., kand. tekhn. nauk; YANCHUR, A.M., inzh.;
 YAKHONTOV, A.D., inzh.; POKROVSKIY, N.M., otvetstvennyy red.;
 KAPLUN, Ya.G. [deceased], red.; MONIN, G.I., red.; SAVITSKIY, V.T.,
 (Continued on next card)

ANDROS, I.P.---(continued) Card 2.

red.; SANOVICH, P.O., red.; VOLOVICH, M.Z., inzh., red.; GORITSKIY, A.V., inzh., red.; POLUYANOV, V.A., inzh., red.; FADEYEV, E.I., inzh., red.; CHECHKOV, L.V., red. izd-va; PROZOROVSKAYA, V.L., tekhn. red.; NADINSKAYA, A.A., tekhn. red.

[Mining; an encyclopaedic handbook] Gornoe delo; entsiklopedicheskiy spravochnik. Glav. red. A.M. Terpigorev. Moskva, Gos. nauchno-tekhnicheskoe izd-vo lit-ry po ugol'noi promyshl. Vol. 4. [Mining and timbering] Provedenie i kreplenie gornykh vyrabotok. Red. kollegiya, toma: N.M. Pekrovskii... 1958. 464 p. : (MIRA 11:7)

(Mine timbering) (Mining engineering)

MARGULOVA, Tereza Khristoforovna. Prinsipialni uchastiye: STEINMAN, L.S.;
RASSOKHIN, N.G.; DEMENT'YEV, B.A.; BERGEL'SON, B.P.;
MIROPOL'SKIY, Z.I., red.; LARIONOV, G.Ye., tekhn. red.

[Design and calculations of steam generators of atomic electric
power plants] Raschet i proektirovanie parogeneratorov atomnykh
elektrostantsii. Moskva, Gosenergoizdat, 1962. 143 p.
(MIRA 15:4)

(Boilers)

1
DEMENT'YEV, B. A. ~~Doc~~ ^Cand Tech Sci -- (diss) "^{Study}~~Analysis~~ of
the steam bubbling through water under ^athe wide range of
load^{weight} and the ~~gravimetric~~ ^{Gamma-radioscopy.} levels with the use of ~~γ-trans-~~
~~lucency.~~" Mos, 1957. 16 pp with graphs 20 cm. (Min of Higher
Education USSR. Moscow Order of Lenin Power ^{Engineering} Inst im V.M.
Molotov), 100 copies
(KL, 21-57, 101-102)

DEMENT'EV, B. A.

AUTHOR: Dement'ev B. A. (Eng.) (Moscow Power Institute). 279

TITLE: On the influence of column diameter and pressure on the steam content of the water volume of devices in which steam is bubbled through the water. (O vliyanii diametra kolonki i davleniya na parosoderzhaniye vodyanogo ob'ema ustroystv s barbotazhem para cherez vodu).

PERIODICAL: "Teploenergetika" (Thermal Power), Vol.4, No.4, April, 1957, pp.45-49 (U.S.S.R.)

ABSTRACT: A good deal of work has been done on the bubbling of steam at atmospheric pressure through both condensate and salt solutions. Gamma irradiation was used to determine the steam content in these investigations. All the previous investigations have only been done on some particular bubbling column so that it is difficult to apply the experimental data to full scale equipment. It was, therefore, of interest to investigate the influence of the column diameter on the processes that take place during bubbling and to elucidate the possibility of extrapolating data obtained at atmospheric pressure to higher pressures. In this respect the most interesting pressure region is from 1 to 5-6 atm. The experimental installation consisted of three bubbling columns of different diameters. In each of them the distance between the submerged perforated plate and the steam receiving ceiling was 1 metre, both of these

On the influence of column diameter and pressure on the steam content of the water volume of devices in which steam is bubbled through the water. (Cont.)

At small loads the transition is sharp and nearly horizontal. At high loads the transitional region extends over a considerable height. Graphs are given showing the distribution of the steam content over the height of the column depending on the immersion of the perforated plate. The steam content distributions obtained are in good agreement with previous published data. If the relationship between the fraction of the section occupied by steam in the second region and the volume load is expressed by an equation of the form:

$$\varphi = AR_s^n$$

then for different diameters of bubbling columns the power n is of different values. For columns of diameter 55 and 100 mm it is approximately 0.45 and for diameter 200 mm close to 0.75. This means that in columns of small diameter the increase in steam content with increase of load is considerably less than in columns of large diameter and the value of the power n is reduced somewhat with increase of load. The distribution of steam content over the section of the columns was investigated and found to be uneven. The steam that is bubbled through water carries water along

DEMENT'YEV, B.A.; LEFILIN, R.S.; LOGINOV, A.A.

Investigation of the hydrodynamics of bubbling of the steam and water mixture at high altitudes. Nauch.dokl.vys.shkoly; energ. (MIRA 13:1)
no.2:251-262 '59.

1. Rekomendovana kafedroy atomnykh elektrostantsiy Moskovskogo energeticheskogo instituta.
(Hydrodynamics) (Bubbles)

DEMENT'YEV, B.A.; LEPLIN, R.S.; LOGINOV, A.A.

Investigation of the hydrodynamics of water volume under conditions of great heights of the bubbling layer. Nauch.dokl. vys.shkoly; energ. no.2:263-274 '59. (MIRA 13:1)

1. Rekomendovana kafedroy atomnykh elektrostantsiy Moskovskogo energeticheskogo instituta.
(Hydrodynamics) (Bubbles)

DEMENT'YEV, Boris Aleksandrovich; PROSKURYAKOV, Konstantin Nikolayevich

[Transport and engineering equipment and the regueling of nuclear reactors] Transportno-tekhnologicheskoe oborudovanie i peregruzka iadernykh reaktorov; uchebnoe posobie dlia studentov spetsial'nosti "Proektirovanie i ekspluatatsiia atomnykh elektrostani." Red. K.N. Proskuriakov. Moskva, Mosk. energ.in-t, 1961. 59 p.

(MIRA 16:10)

(Nuclear reactors)

DEMENT'YEV, B.A., kand.tekhn.nauk; LOGINOV, A.A., inzh.; RYABOV, V.M., inzh.

Study of a cyclone separator in a loop with natural circulation.
Teploenergetika 8 no.5:52-57 My '61. (MIRA 14:8)

1. Moskovskiy energeticheskoy institut.
(Separators (Machines))

DEMENT'YEV, B.A., kand. tekhn. nauk; BEHESHIN, V.K., inzh.; RYAEV,
V.M., inzh.; PARAMESVARAN, M.P., inzh.

Study of laws governing phase distribution in a water and
steam mixture under nonsteady conditions. Trudy MEI
no.63:183-192 '65. (MIRA 18:12)

ZENKEVICH, Yu.V., kand.tekhn.nauk; DEMENT'YEV, B.G., kand.tekhn.nauk

' Kinetics of the dissolving of silica in water vapor.
Teploenergetika 9 no.10:26-31 0 5'62. (MIRA 15:9)

1. Tsentral'nyy kotloturbinnyy institut.
(Silica)

ZENKEVICH, Yu.V., kand.tekhn.nauk; DEMENT'YEV, B.G., kand.tekhn.nauk

Silica deposits in steam turbine indicators. Elek. sta. 33
no.10:29-33 0 '62. (MIRA 16:1)
(Steam turbines)

ZENKEVICH, Yu.V., kand. tekhn. nauk; DEMENT'YEV, B.G., kand. tekhn. nauk

Effect of contact duration on the solution of some sodium
compounds in water vapor. Teploenergetika 10 no.8:50-54 Ag '63.
(MIRA 16:8)

1. Tsentral'nyy kotloturbinnyy institut.
(Boilers) (Feed water)

DEMENT'YEV, B.G., kand. tekhn. nauk; ZENKEVICH, Yu.V., kand. tekhn. nauk

Formation of sodium chloride and silicic acid deposits in
turbine indicators. Elek. sta. 34 no.7:24-27 J1 '63.
(MIRA 16:8)

USSR/Physics - Secondary electron emission

FD-3146

Card 1/2

Pub. 153 - 2/26

Author : Shul'man, A. R.; Dement'yev, B. P.

Title : Secondary electron emission from single-crystals of alkali-halide compounds

Periodical : Zhur. tekhn. fiz., 25, No 13 (November), 1955, 2256-2263

Abstract : In their laboratory the authors earlier investigated the secondary emission properties of alkali-halide crystals, which turned out to be very convenient objects for the study of the principal laws of secondary electron emission (A. R. Shul'man, V. L. Makedonskiy, I. D. Yaroshetskiy, *ibid.*, 23, 1152, 1953; A. R. Shul'man, *ibid.*, 25, 1955). In the present article they describe further experiments in this direction. They obtain curves of the dependence $\sigma = f(V_p)$ for three alkali-halide single-crystals (KI, KBr, NaCl) and show that this dependence in dielectrics possesses a different form from that of metals. Their analysis of velocities of secondary electrons shows that in dielectrics most of the secondary electrons possess about identical energies in distinction to metals, in which the scatter of velocities of secondary electrons is comparatively large (6 to 8 times larger than in dielectrics). Variation of the curves of energy distribution of secondary electrons for various V_p and temperatures is found to be small, which evidently points to decrease in yield of secondary electrons which in large degree is caused by absorption of secondary electrons rather than by photon losses. The authors obtain

Card 2/2

FD-3146

quantitative data on the temperature dependence of σ_o (the coefficient of secondary electron emission) in the substances investigated, and interpret the results obtained from the view point of the reality of the linear law of deceleration for primary electrons of medium velocities. Six references: e.g. L. N. Dobretsov, A. S. Titkov, DAN SSSR, 100, 33, 1955; N. D. Morgulis, N. G. Nakhodkin, DAN SSSR, 94, 1029, 1954.

Institution : -

Submitted : April 13, 1955

SOV/137-59-3-6923

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 286 (USSR)

AUTHORS: Grika, K. K., Dement'yev, B. V., Tashchev, A. K.

TITLE: Mechanization of Repair Operations in Forging Shops (Mekhanizatsiya remontnykh rabot v kuznechnykh tsekhakh)

PERIODICAL: V sb.: Chelyabinsk. kuznetsy v bor'be za tekhn. progress.
Chelyabinsk, 1958, pp 97-104

ABSTRACT: The following forging equipment employed in the mechanization of bench operations and machining-assembly work is described: 1) A press for dismantling of press-fitted components during the repair of equipment; the employment of this press at the ChTZ [Chelyabinsk Tractor Plant] not only facilitates the work of the operators but also results in a saving of metal owing to the reutilization of mated components made possible thereby; 2) A device (D) employed at the Chebarkul' metallurgical plant for raising of anvil blocks which are too heavy to be lifted by a crane; a crane-type D for changing the head of a drop hammer; a D employed at the ChTZ for polishing anvil blocks equipped with a mechanism for advancing the support.

Card 1/1

Ye. L.

DEMENT'YEV, B.V.

Picket posts with raised numerals. Put' 1 put.khoz. no.10:22
0 '58. (MIRA 11:12)

1. Nachal'nik Gor'koy-Kazanskoy distantssi puti Gor'kovskoy dorogi,
st. Gor'kiy-Kazanskiy.
(Railroads--Equipment and supplies)

[illegible]

അപര-ഭാഗങ്ങളിലെ ചില പ്രധാന വിഷയങ്ങൾ

Mathematics & experimental mathematics (continued)
 1979. 519 p. 12,000 copies printed.

[illegible]

This book is intended to be used as a text in the study of the history of the Negro in the United States. It is written for the use of students in the high schools and colleges. The book is divided into two parts. The first part is devoted to the history of the Negro in the United States from the time of the first arrival of the Negroes in the country to the present time. The second part is devoted to the history of the Negro in the United States from the time of the first arrival of the Negroes in the country to the present time.

Continuous and Intercontinuous Pouring Into Wells
Burgess, E. B., Lynch, Engineer, and A. D. Brown,
Mineral Sciences

[illegible]

Special Casting Methods (Garmesby, H.E., and S.V. Rykhalov, Engineers)	83
Roll mechanism of metal mold casting	83
Production lines for metal mold casting	85
Mechanism of investment casting	89
Fracture Transport of Loose Materials (Yevseyanov, P.I., N.F. Pavlov, and V.I. Rykhalov, Engineers)	97
Fracture Transport of Loose Materials (Yevseyanov, P.I., N.F. Pavlov, and V.I. Rykhalov, Engineers)	97
Fracture Transport of Loose Materials (Yevseyanov, P.I., N.F. Pavlov, and V.I. Rykhalov, Engineers)	101
Fracture Transport of Loose Materials (Yevseyanov, P.I., N.F. Pavlov, and V.I. Rykhalov, Engineers)	108

MECHANIZATION AND AUTOMATION IN HOT-CHAMBER FORGING
Full Mechanization of Two-Die Forging (Lysakovsky, P.O., and B.I.
Petrov and others. *Izv. Akad. Nauk SSSR Tekhn. Mekh.* 1966, No. 1, p. 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 90

...tion, engineers	111
Use of multiplexers in the making of forgings	112
Perforating equipment for the mechanization of time-consuming operations	117
System of Machines and Mechanisms for Stamping (Savitsky, A.L., D.V. Anisimov, V.P. Buzarov, B.B. Prokashin, and T.M. Zhuravlev)	120

Standard arrangement for lifting, turning, and transferring of blanks	122
Mechanization and automation of auxiliary operations	120
Full mechanization of production lines	131
Mechanization and Automation of Hot-Forging Equipment (Mikhlin, I.G., and A. A. Kiselev, <i>ibid.</i>)	127
U.S. Patent 2,777,829 (Singer)	124
Automation of the thermal processing of equipment	125
Automation of the thermal processing in heating furnaces	151

Automatic and Semi-automatic Dies [with automatic feed and ejection] (Miller), B.V., Candidate of Technical Sciences and B.V. Prokhorova, Engineer	126 127 128
Automatic Dies Semi-automatic Dies	

549

DEMENT'YEV, D.P.; TYURIN, P.S.

Commercially hunted mammals of the Kungey Ala-Tau (within the
Kirghiz S.S.R.). Trudy Inst. zool. i paraz. KirFAN SSSR no.2:
131-160 '54. (MIRA 10:6)
(Kungei Ala-Tau--Game and game birds)

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Kirgizii. Frunze, Kirgizskoe gos. izd-vo, 1956. 147 p. (MLRA 9:10)
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tekh. red.

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skva, Izd-vo "Morskoi transport," 1963. 122 p.
(MIRA 17:3)

DEVELOPMENT, 3.

Creativeness of future master-technicians. Tekh. molod. no 3, 1952.

RYABCHENKO, A. (poselok Tomilino, Moskovskoy oblasti); DEMENT'YEV, G.
(Murmansk); RIZUN, I. (Dnepropetrovsk); KRYSHKIN, I. (g. Nasimov,
Ryazanskoy oblasti)

Exchange of experience. Radio no. 11:49 N '60. (MIRA 14:1)
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DEMENT'YEV, G. K.

Dement'yev, G. K. "The effect of lubricants on concrete and its prevention," (Paper read at the Scientific Technical Conference of the Kuybyshev Construction Engineering Institute imeni Mikoyan, 15-16 May 1947), Sbornik nauch. trudov (Kuybyshevsk. inzh.-stroit, in-t im. Mikoyana), Issue 2, 1948, p. 5-20.

So: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statoy, No. 17, 1949).

15-57-5-6560

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
p 122 (USSR)

AUTHORS: Dement'yev, G. K., Skripnik, Ye. I.

TITLE: The Production of Cold Asphalt Concrete From Local Raw
Material (Polucheniye kholodnogo asfal'tobetona iz
mestnogo syr'ya)

PERIODICAL: Sb. nauch. tr. Kuybyshevsk. industr. in-t, 1956, Nr 6,
Book 2, pp 257-365.

ABSTRACT: The authors recommend the following local materials for
the preparation of cold asphalt cement: 1) the
asphaltic sandstones of the Bakhilova glade "Bakhilova
burned-over area"; 2) the limestones from the "Mogutova
gora" deposit and from other deposits in the Kuybyshev
district. Studies have shown that the asphaltic
sandstones of Bakhilova glade (Bakhilova burned-over
area) and the heavy oils of the Sergiyevskiy rayon
(region) are fully suitable for producing cold asphalt
cement.

Card 1/1

S. P. Sh.

G.K. DEMENT'YEV

SOV/97/58/2/8/16

AUTHOR: Ivanov, P.M., Candidate of Technical Sciences

TITLE: The Effect of the Fineness of Cement Grinding and Additives on the Frost Resistance of the Cement Mix. (Vliyaniye tonkosti pomola tsementa i dobavok na morozostojkost' tsementnogo rastvora).

PERIODICAL: Beton i Zhelezobeton, 1958 Nr 2, pp 70-71.

ABSTRACT: The above problem is discussed by S.V. Shestoporov in an article entitled "Durability of Concrete", published in 'Avtotransizdat' in 1955, and by G.K. Dement'yev in an article entitled "Conditions of Durability of Concrete, Reinforced Concrete and Insulating Covering and Hydro-technical Constructions" published in compendium "Corrosion of Concrete and its Prevention". The effect of the addition of gypsum on frost resistance of concrete with finely ground cement was described by S.V. Shestoporov based on investigations carried out in the years 1951/54. Tests were carried out in SoyuzdornII by Engineers Ye. F. Nefedov and Ye. P. Zharov defining frost resisting cement mixes with cements ground to various degrees of fineness with different additives. The results obtained could be

Card 1/2

SOV/97/58/2/8/16

The Effect of the Fineness of Cement Grinding and Additives
on the Frost Resistance of the Cement Mix.

explained by S.V. Shestoporov's theory on the effect of aluminate minerals on frost resistance of concrete, and the necessity to regulate the quantity of gypsum in relation to the degree of grinding of cement and the amount of calcium aluminate it contains. The results of investigations of P.F. Shubenkin are published in an article entitled "Strength of Concrete in Bending and Compression after investigation on Frost Resistance" in VIA imeni Kuybyshev, 1952, Nr 65. The author states that to investigate strength under bending the test using the repeated freezing and defreezing method is more reliable than the one carried out by compression. There is one table.

Card 2/2

- | | |
|------------------------------------|-------------------------------------|
| 1. Concrete--Temperatura factors | 2. Freezing point depressants--Test |
| results | 3. Cement--Preparation |
| 5. Concrete--Mechanical properties | 4. Cement--Physical properties |

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BUTURLIN, S. A. and G. P. DEMENT'EV. Polnyi opredelitel' ptits SSSR, Moskva, 1934.
41 p. v. 1-5.

SO: LC, Soviet Geography, Part I, 1951, Uncl.

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DEMENT'EV, G.P. Petr Petrovich Sushkin, pochetnyi chlen Moskovskogo obshchestva ispytatelei prirody (1868-1928). Moskva, 1940. 40 p.

"Iubileinoe izdanie k 135-letnemu iubileiu Moskovskogo obshchestva ispytatelei prirody (1865-1940)".

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DLC: CH31.S8D4

SO: LC, Soviet Geography, Part I, 1951, uncl.

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PA 34157

USSR/Medicine - Birds
Medicine - Fauna

Mar 1947

"The Number of Bird Species of the World and Among the
Fauna of the USSR," Prof G. P. Dement'yev, 3 pp

"Priroda" No 2

Gives the types of birds in existence all over the
world. There are some 8,720 different types of birds.
Of these some 7.8% are native to the USSR.

34157

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DEMENT'YEV, G. P., SPANGENBERG, Ye. P., and MUSTAMOV A. K.

"A Survey of the Fauna of Gyaz-Gedyk," Dok. AN, 56, No. 1, 1947

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F

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OF BIRDS OF THE USSR; BY G.P. DEMENT'YEV, N. A. GLADKOV (ET AL.) MOSKVA, G S. ISO-70
SOVETSKAYA NAUKA, 1948.

449 P. ILLUS., DIAGRS.

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Blo.R
El.R

DEMENT'YEV, G.P.
Professor.

Joint-author with Gladkov, N.A., Ptushenko, Ye.S. and Sudilovskaya, A.M. of "Rukovodstvo k opredeleniyu ptits SSSR," Edited by Prof. G.P. Dement'yev, Issued by the Ministry of Higher Education of the U.S.S.R. as a teaching aid for universities and pedagogical institutes. Moscow, 1948, 450 pages.

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(MLRA 8:4)

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SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No.3, 1949)

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So: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

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SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

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GOROKHOV, V.A., red.; GOLOVKO, I.G., red.; MAL'CHEVSKIY, G.N.,
red. kart; KOSHELEVA, S.M., tekhn. red.

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